

ARRANGEMENT FOR PROVIDING CONTENT OPERATION IDENTIFIERS WITH A
SPECIFIED HTTP OBJECT FOR ACCELERATION OF
RELEVANT CONTENT OPERATIONS

ABSTRACT OF THE DISCLOSURE

Web content provided by a server includes associated content operation identifiers that identify related content objects. The web server, in response to receiving an HTTP Get request for the web object, retrieves the web object, and concurrently retrieves the content operation identifiers associated with the web object. The server sends the content operation identifiers with the requested web object as part of an HTTP response. The content operation identifiers may be inserted with an HTTP header, or may be added to the web content, for example by prepending HTML tags specifying the content operation identifiers to an HTML page that includes the requested web object. A proxy device receiving the HTTP response can forward the response to the requesting client device, and execute the content operations specified by the content operation identifiers within the HTTP response. Hence, content operations can be performed for relevant content objects based on content operation identifiers within the HTTP response, eliminating the necessity of client side executable resources that may otherwise affect the device performance.